

WHAT IS CLAIMED IS:

1. A refrigerant composition comprising R245fa ($\text{CF}_3\text{CH}_2\text{CHF}_2$), R125 (CHF_2CF_3), R23 (trifluoromethane: CHF_3) and R14 (tetrafluoromethane: CF_4).

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2. A refrigerant composition comprising R245fa ($\text{CF}_3\text{CH}_2\text{CHF}_2$), R125 (CHF_2CF_3), R508A (R23/R116:39/61) or R508B (R23/R116:46/54) and R14 (tetrafluoromethane: CF_4).

10 3. The composition of claim 2, wherein R245fa is from 17.4 to 50 wt%, R125 is from 12 to 25 wt%, R508A or R508B is from 13.2 to 36.4 wt%, and R14 is from 13.2 to 36.4 wt%.

15 4. The composition of any one of claims 1 to 3, further comprising 0.1 to 12 wt% of n-pentane.

20 5. A refrigerating circuit which is a single ultralow-temperature system comprising a condenser, an evaporator, a compressor, and heat exchangers and gas-liquid separators disposed in a multi-stage manner, wherein the non-azeotropic mixed refrigerant composition of any one of claims 1 to ³ ~~4~~ is used.